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PATENT

REMARKS**BEST AVAILABLE COPY**

In the Office Action mailed October 4, 2005, the disclosure was objected to because the term "Dn" on line 15 of page 9 should have been "Dn-1." The correction requested by the Examiner has been made.

Claims 1, 5, 6 and 7 were objected to because of the term "free-charge data." The Examiner contends that the term "free charge" has an established meaning that is unrelated to how the term is used in the pending application. By the amendment above, "free-charge data" has been deleted from the application and has been replaced by the term "pre-charge data." The Examiner's objection is therefore believed overcome.

Claims 1 was further objected to because of the phrase "with a value approximating to original gray scale data." Claim 1 has been amended to remove the word "to" between "approximating" and "original."

Claims 1 and 6 were also objected to because they contain a limitation that reads: "calculating a mean value based on the corrected present input data and the corrected previous input data, replacing the calculated mean value with a value approximating to original gray scale data."

Paraphrasing these claims as they are amended above, they now recite that the controller stores a data value in the storage device as "present input data" and then reads out a previously stored data value as previous input data. The controller then converts the present input data and the previous input data into corrected present input data and corrected previous input data with reference to the look-up table. Thereafter, the controller calculates a mean value

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of the first corrected present input data and the first corrected previous input data and replaces the calculated mean value with a value approximating an original gray scale data value. The value approximating the original gray scale value is output as the "pre-charge" data to the LCD device or its driver. Thus, the Examiner's objection to claims 1 and 6 is believed overcome.

Claims 1, 6 and 7 were rejected under 35 U.S.C. §112, ¶1 as claiming subject matter that was not disclosed in the specification. Because of the foregoing amendments to the claims, the rejection under §112, ¶1 is believed traversed.

In particular, the claims have been amended to revise the look-up table limitation to comport with what was disclosed in the specification. The revisions to the controller limitation are also effective in making the claims read on what was disclosed.

Claims 1-7 were also rejected under 35 U.S.C. §112, ¶2 as being indefinite. Revisions to the independent claims now recite that a first data value is stored in the data storage device. Thereafter, a data value is read from the data storage device. As the claims have been amended, it is now clear that the value read from the storage device is not necessarily the value that was stored. While it is entirely possible that the value first stored and the value read thereafter might be the same values, the value being read from the storage device is not read from the same location where the previously-stored value was saved, which would be a meaningless step. A reconsideration of the pending claims will reveal that the Examiner's objection is overcome.

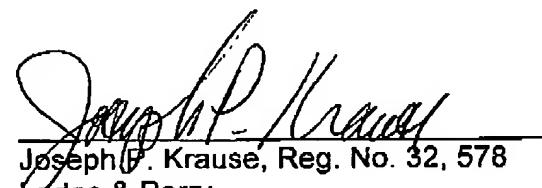
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The Examiner will also note that the apparatus claims have been revised to delete the means-plus-function terminology. Thus, these claims should not be construed under 35 U.S.C. §112, ¶6.

For the reasons set forth above, the Applicant submits that the pending claims are now in condition for allowance.

Respectfully submitted,



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Dated: January 3, 2006